

**FA1-00609-1 Stanford University - CIRM Institute****Facilities Working Group Score: 95****Requested Funding: \$50,000,000**
FWG Recommended Funding: \$47,500,000

Possible points →	Value 25	Leverage 25	Urgency 20	Shared Res 15	Function'ty 15
FWG Score: 95	23	25	18	15	14

PROPOSAL:

This application proposes construction of a four-story building (one floor of which will be below grade) to co-locate the institution's key stem cell researchers and provide space for new core facilities in support of stem cell research. The CIRM project consists of 129,788 assignable square feet (asf) and 200,000 gross square feet (gsf) with a total cost of \$200 million and requested CIRM funding of \$50 million. The project addresses the need for co-location of investigators and expansion of research capacity. At occupancy, the facility will house 24 research teams (PIs) of which 12 will be new to the institution. The facility also incorporates 60 benches and additional offices that would accommodate 15-20 visiting faculty. In addition to new vivarium space, the proposed core facilities will augment an extensive array of existing core facilities including space for a rapid autopsy and tissue processing and banking core and a microfluidics core facility that are unique in California. Completion of the project is scheduled for July 2010.

COST:**Cost Summary Table**

Cost Category	Total Amount	Amount/PI*
Building	\$195,543,272	\$8,147,636
Group 2 Equipment	\$4,456,728	\$185,697
Total	\$200,000,000	\$8,333,333
Requested CIRM Amount	\$50,000,000	\$2,083,333
Applicant Amount	\$150,000,000	\$6,250,000

* Based on number of PIs included in the Part 1 Capacity/Use table

SUMMARY OF FACILITIES WORKING GROUP REVIEW AND DISCUSSION

The reviewer noted that this application was outstanding and reflected dedication of the institution to the mission of medical research and stem cell research in particular.

Value—The proposal was noted as a good value, particularly in light of the high leverage.

Leverage—The reviewer concluded that the leverage of nearly \$150 million in relation to the requested amount of \$50 million represented an impressive three-to-one leverage ratio.

Urgency—The reviewer indicated that the applicant has made a strong commitment to the project, with the majority of the infrastructure completed, site work underway, and the entitlements in place, including the environmental report. He also mentioned that he was impressed by the project team that is in place; that the cost breakdown was detailed, competitive, and executable; and that the building schedule was sound and feasible. The reviewer observed that the applicant has a very detailed program, and qualifies for priority consideration given planned completion within two years.

Shared Resources--The reviewer pointed out that the stem cell program at this institution has 200 principal investigators and a significant number of core laboratories. He indicated that the shared resources were very strong, both internally and externally in comparison to other institutions.

Functionality—The reviewer noted that the design has excellent functionality, as it provides 60 laboratory benches distributed throughout the facility to accommodate 15 to 20 visiting faculty. It was noted that the laboratory planner had expressed concern regarding the lack of adequate interactive space. The applicant acknowledged that although the building does not include either a grand space or a cafeteria; within the surrounding area, there are 13 different vendors that provide food service, with service both indoors and outdoors that will adequately serve the building and provide venues for interaction among the 607 to 612 researchers to be located in the building.

The FWG score for this application was 95. During programmatic review, the FWG voted to recommend funding of \$47,500,000, representing 95 percent of the requested CIRM amount of \$50 million.